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Paper Fights Too!

Because of the extremely important role that paper plays in keeping our fighting forces supplied with necessary materials of war, we are reducing the usual size of this catalog as part of our contribution toward the conservation of this essential material. In it you will find all of the important items usually sown during the summer and fall with the suggestion that our January catalog be referred to for a complete list of all Miscellaneous Annuals and

Inasmuch as we grow our own seed of Forcing Snaps, Stocks, Primulas, Cinerarias, Calceolarias and Begonias-and because we are growers ourselves—we are in a particularly fortunate position to supply exactly the strains that florists need. Should shortages of some varieties develop we will substitute with kinds equally as good unless instructed otherwise. Early ordering will help avoid possible disappointment.

PLANT BANDS

PLACE YOUR ORDER NOW TO INSURE DELIVERY FOR NEXT SEASON, SEE OUR TRADE PAPER ADS OR WRITE US FOR DETAILS.

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CATALOG No. 49-JUNE 1944-BUSINESS TERMS

NOTE—CASH DISCOUNT! Prices quoted on Cyclamen seed and Plant Bands are net, no cash discount. Plant and Bulb prices are net unless quoted differently in special catalogs or lists. Otherwise, when cash is enclosed, a discount of 5% is allowed on all orders from \$1.00 to \$25.00. On \$25.00 and over, 8% is allowed.

Cash should accompany all orders unless credit has been established. C.O.D. shipments 50% in advance. IMPORTANT. Make all checks or money orders payable to SEO. J. BALL, INC., WEST CHICAGO, ILL. NOTE. Our seed sold only in our printed packets or containers. Order from us only or through our regular agents.

ALL PRICES in this catalog subject to change without notice.

ALL SEED ORDERS sent prepaid to U.S. and Canada at catalog prices. AIR MAIL DELIVERY will be made on request if 10c per oz. is allowed for postage, which includes shipping envelopes.

Our address is WEST CHICAGO, ILLINOIS on Highways U. S. 330 or Illinois 64—and on Chicago and Northwestern Ry. You are always welcome here.

HALF TRADE PACKETS supplied only where so listed.

OUR BUSINESS IS WITH FLORISTS ONLY. We do not sell at retail. SHORTAGES—All items in this catalog are offered subject to crop failures or shortages

WE USE EVERY PRECAUTION to supply seeds of highest quality only and promptly refund price paid for same if unsatisfactory with reasonable care.

All seeds sold under Seedsman's disclaimer as follows:

DISCLAIMER. All Florists know that success with seeds depends largely IDLLAIMER. All Florists know that success with seeds depends largely upon weather and general germination conditions, so, in accordance with the universal custom of the seed trade, we, Geo. J. Ball, Inc., give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, bulbs or plants.

BRANCHING STOCKS

Retail growers should include some of this class in their planting. All, with the exception of the Dwarf Ten Week, are handled the same. Plant 8 x 8 in. and top when about 8 in, tall for plenty of good flowers with medium length stems. The Dwarf Ten Week type is largely used for pot plants.

GIANTS OF CALIFORNIA

*Pacific. Fairly dark lilac-mauve. *Yosemite. The shade of Bismarck Rose. Roselight. A clear bright pink, *Santa Maria. Best branching white.

Prices for above Four Varieties Each: Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.50. Mixture of all colors in this fine class. Tr.

pkt., 35c; 1/4 oz., \$1.15; 1 oz., \$4.00.

DWARF TEN WEEK

Blood Red Carmine-Pink Lavender Canary-Yellow Deep-Rose Purple White Formula Mixture

Prices for Above Varieties and Formula Mixture Each: Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.00.

IMPROVED BISMARCKS

Antique Copper. Fine copper red. Apple Blossom. Pale, delicate pink. Blood Red. Bright ruby red.

Buttercup. Deep cream, strong growing.

*Chamois. Clear chamois or buff.

*Elk's Pride. Rich purple.

Flesh. Pale coral pink. *Golden Ball. Ivory yellow.

Golden Rose. Chamois pink.

*Lavender. Clear lilac lavender.

*Lilac. Fairly deep lilac blue. *Rose. Fine bright rose pink.

*Shasta. Giant-flowered white. White. Good clear white.

Formula Mixture of above colors.

Prices Each: Tr. pkt., 35c; 1/4 oz., \$1.15; 1 oz., \$3.50.

PERPETUAL BRANCHING (Giant Perfection)

Empress Augusta Victoria. Silver Lilac.

Heatham Beauty. Golden Rose.

Rose. A clear even shade. Snowdrift. Clear white.

Mixture of above

Prices Each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.65.

BEAUTY OF NICE

Aurora. Golden buff.

Cote d'Azure. Light lavender-blue.

Flesh Pink. (Beauty of Nice). Mont Blanc. Extra early pure white.

Queen Alexandra. Fine rosy lilac. Mixture of above.

Prices Each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.65.



BALL

NON-BRANCHING

(18,000 seeds per ounce)

STOCKS

Ease of growth, less labor in their production than most crops require, combined with their general excellence when well grown, explain the increasing demand we are finding for our fine scientifically-bred strains of Non-branching Stocks—and we challenge anyone to produce better. Our monthly GROWER TALKS will keep you posted on all details of their culture.

In spite of conditions brought on by the war, we furnished growers with more of this seed last year than ever before. Knowing that the demand will be even greater this year, we have made every effort to produce ample seed. However, wise growers are protecting themselves by anticipating their needs and ordering early.

PRICES On All Non-Branching Varieties As Follows: ½ Tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00; ¼ oz., \$2.50; 1 oz., \$9.00.

PRIZEWINNERS!

If you want the three finest varieties and colors on the entire list, here they are! Flower markets the country over, say they can't be beat.

*No. 15 Ball White Improved. This is our new reselected strain resulting from a cross between Ball White No. 16 and the original strain of No. 15 with the pure white closely set spikes of No. 16 and the long sturdy stems of No. 15; a combination that will appeal to most growers. Trade Packets and 1/4 ounces only until September.

*No. 1 Lilac Lavender. Second only in popularity to Ball White. Our own excellent large flowered strain that is well liked by all markets.

*No. 22 Ball Supreme. Extra long stiff stems and fine heavy spikes of rich silvery rose have made this the outstanding variety in its color class.

WHITE VARIETIES

*No. 16 Ball White Improved—Medium Tall. Entirely non-branching with extra large florets and heavy campact spikes of snowy whiteness. A few days earlier than our No. 15.

Trade Packets and 1/4 ounces only until Sept.

No. 5 Ball White Extra Dwarf. The extra dwarf (12 to 14 in.) habit and compactly formed pure white spikes of this new type suit it well for pot plant use. Properly grown it resembles a large white Hyacinth. Richly fragrant.

Gardenia. Long stemmed and pure white, but not entirely non-branching. One of the latest flowering varieties.

PINK, ROSE AND RED VARIETIES

No. 11 Ball Pink. A medium light rose pink. Earlier and somewhat lighter than our No. 22, but not quite as long stemmed.
*No. 14 Ball Rose Pink. An early flowering fairly deep rose pink. Darker in color and longer stemmed than the above variety.

No. 9 Chamois Pink Improved. A warm rosy buff color. Distinctly improves the original stock of this variety in stem length and percentage of doubles.



Flowers from our Easter cut of Ball Stocks. No. 16, 22 and 15.

No. 7 Malmaison Pink. Extra long-stemmed blush pink, with some tendency to branch at the base of the flower spike. Useful in combination with darker varieties.

No. 6 American Beauty. Rich deep American Beauty or carmine rose. An appealing but rather heavy color.

No. 8 Ruby. Long-stemmed, glowing crimson red. Plant moderately of this rather strong color for market use.

LAVENDER, BLUE AND PURPLE VARIETIES

No. 3 Ball Blue. A medium lavender mauve indentical in habit to Lilac Lavender. A moderate amount of this is usually wanted.

*No. 21 Ball Purple. Bright Elk's Pride Purple, long stemmed and extra early. A bold and striking color that blends well with Apricot and pale ivory yellows.

No. 23 Pastel Lavender. A pale, smoky lavender selection from our Lilac Lavender. Trade Packets Only.

MISCELLANEOUS VARIETIES

*No. 20 Ball Apricot. Strong growing buff with a faint pink tinge. An extra large flowered variety that blends well with all lavender and blue shades.

No. 17 Gold Standard. Creamy ivory yellow. An attractive novelty color.

No. 10 Mixture. Our own formula mixture. Contains mostly good market varieties with a limited amount of novelty colors.





Every retail grower will find a planting of Winter Peas invaluable

SPRING FLOWERING PEAS

We have on hand now for immediate shipment, supplies of all Spring Flowering varieties. This type should not be sown however until late Fall (November or December) for late spring flowering next year. See our last January catalog for complete list of varieties with descriptions and prices.

WINTER PEAS

(350 Seeds per oz.)

Due to the smaller quantities of Winter Peas being generally grown during the War, the grower in a position to do so will find them quite profitable today. We find that they must be grown in sterilized soil and sown early enough to get the vines hardened sufficiently to hold buds for winter flowering; with us this is early July. Approximately a week later should be figured for each 200 miles further south

OUR 12 BEST VARIETIES

Ball Blue Supreme. Much larger flowered than Mrs. Hoover. A long stemmed heavy producer. 1/2 oz., 45c; 1 oz., 75c; 4 ozs., \$2.25; 1 lb., \$7.50.

Ball Orange Supreme. Improves Ball Orange in growth, stem length and richness of color. 1/2 oz., 45c; 1 oz., 75c; 4 ozs.,

\$2.25; 1 lb., \$7.50.

New Ball Rose. Bright glowing rose. Very free flowering, but shorter vines make it valuable where headroom is limited. 1/2 oz., 45c; 1 oz., 75c; 4 ozs., \$2.25; 1 lb., \$7.50.

Ball Rose Queen. Extra long stemmed and large flowered clear

Ball Rose Supreme. Large wavy flowers of bright silvery rose pink. Fine producer.

Twilight, A bright clear lavender. Improves Harmony in flower

Triumph. Long stemmed, rich lilac mauve; a fine market variety. Princess Blue. Large flowered, light blue; very attractive.

Ball White. The finest long stemmed pure white; white seeded. Ball Salmon. Fairly deep salmon pink; an excellent producer. Treasure Island. Extra large wavy flowers of glowing orange scarlet.

Fiesta. Brilliant scarlet cerise; we consider this the finest red in early Peas.

12 Best Mixture. Our own formula mixture of the above varieties. PRICES on Above Varieties and Mixture, Except where Noted: 1/2 oz., 30c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.

STANDARD VARIETIES

American Beauty. American-Beauty rose. Amethyst. Rich bright mauve-purple.

Annie Laurie. Bright rose pink. Apollo. Salmon-cerise.

Attraction. Long-stemmed salmon rose.

*Bacchus. Deep maroon-purple. Large flowered.

*Ball Orange Improved. Clear brilliant orange. Ball Rose Improved. Standard bright rose.

*Blue Danube. A clear deep blue.

Boon. Deep salmon-rose.
*Bridesmaid. Delightful silvery pink. Large flowered.

Chevalier. Dark Rose.

Cinderella. Large flowered clear light blue.
Columbia. Rose and white bi-color.
*Daphne. Soft salmon-pink on cream. Large flowered.

Eileen. Rich Begonia rose.

Fragrance. Clear lavender for spring flowering.

*Gardenia. Finest long-stemmed pure white for spring.
Grenadier. Poppy-scarlet.
*Harmony. Standard early flowering lavender.

Heather Bell. Pleasing orchid-lavender. Rather small flowered. *Hiawatha. Strong growing, large flowered, fine deep rose.

*Hope. Fine black-seeded white.

Jeanne Mamitsch. Clear rose; long stemmed. Josie. Rose pink; rather small flowered.

*Laddie Imp. Long-stemmed fairly light rose pink.

Magic. Extra early and free flowering orchid lavender.

Majestic Rose. Fine large-flowered rose-pink. Michigan. Clear lavender.

Mrs. Holscher. Large rose-pink.
*Mrs. Hoover. Standard early mid-blue.
Mother Machree. Large coral rose flowers; semi-duplexed.

Oriental. Black-seeded cream. Pride. Extra long-stemmed brilliant cerise.

Red Bird. Crimson-red.

*Redwood. Large-flowered deep, velvety crimson.

*Rhumba. Excellent salmon cerise for spring.

Sequoia. Large flowered standard salmon rose. *Signal Red. Fine long-stemmed brilliant red.

Snowstorm. White-seeded white. Rather small-flowered.

*Sparks. The finest poppy scarlet. Sunproof Orange. Brilliant orange cerise.

Sunray. Light cerise; fine long stem. *Tahoe. Fine mid-blue for spring flowering.

*Top Hat. Deep bright violet-blue.

*Tops. Extra large, wavy flowered, light salmon rose.
*White Harmony. Similar to Hope; black-seeded.

PRICES on All Above Varieties: 1/2 oz., 30c; 1 oz., 50c;

4 ozs., \$1.50; 1 lb., \$5.00. Ball Early Mixture. Carefully balanced mixture of winter va-

rieties. 1/2 oz., 25c; 1 oz., 45c; 4 ozs., \$1.35; 1 lb., \$5.00.

PANSIES

(25,000 seeds per oz.) The fine American-grown Pansy strains listed here are fully as good as, if not superior to, the formerly imported European strains. Buy them with confidence.

*Ball Winter Flowering. Upright growing, long stemmed variety for cut flowers. Sow in July or early August for winter and early spring crop. ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ½ 0z., \$2.50; ¼ 0z., \$4.75.

*Ball Giant Mixture. Our well-known, excellent all-purpose mixture. We use the finest strains available of Swiss or Roggli giants, adding separate colors to insure a well balanced color blend. Our finest bedding Pansy strain. Tr. pkt., 60c; ½ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

*Ball Giant Mixture Dwarf Strain. A fine Roggli or Swiss Giant strain selected for dwarf and compact habit. Tr. pkt., 60c; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

*Maple Leaf Giants. Our best large flowered strain. Heavy growth with good stems. Tr. pkt., 60c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; 1 oz., \$9.00.

*Englemann's Giant Mixture. An excellent, large flowered strain with a bright and complete color range. Fairly compact growth. We offer originator's seed only. Tr. pkt., 75c; 1/4 oz., \$3.75; 1 oz., \$12.00.

Roggli Giant Mixture. A fine bedding strain, predominating in rich red and bronze shades. Tr. pkt., 60c; 1/4 oz., \$2.50;

We also supply imported seed in the originator's packets as follows: Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.50.

Geneva Giants. A choice American selected strain of Swiss Giants. Tr. pkt., 75c; 1/4 oz., \$2.75; 1 oz., \$9.00.

Dwarf Geneva Giants. A compact growing selection of the above. Tr. pkt., 60c; 1/8 oz., \$1.25; 1/4 oz., \$2.50; 1 oz., \$8.00.

Canadian Giants. An excellent, extra large flowered selection from Maple Leaf Giants. Tr. pkt., 90c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1 oz., \$10.00.

Steele's Jumbo Mixture. We handle the originator's seed only of this popular American strain. Tr. pkt., \$1.00; $\frac{1}{10}$ 8 oz., \$2.50; $\frac{1}{10}$ 4 oz., \$4.50; 1 oz., \$15.00.

Improved Swiss Giants. Predominates in rich bronze and red shades. Tr. pkt., 60c; 1/4 oz., \$2.50; 1 oz., \$8.00.



Pansy, Ball Giant Mixture, is full of striking colors.

SWISS GIANTS IN SEPARATE COLORS

*Coronation Gold. The finest clear yellow.

*Lake of Thun. A fine, large flowered medium blue with darker center.

Alpenglow. Rich garnet red.
Rhinegold. Large flowered yellow with dark center.

Mt. Blanc. Best clear white in the large-flowered Swiss type. PRICES on All Above Swiss Separate Color Varieties Each:

Tr. pkt., 75c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1 oz., \$10.00.

BALL CALENDULA

(3,000 seeds per oz.)

Annual re-selection of planting stock for seed production helps to keep these famous strains at their very best. Genuine BALL CALENDULA are available only in our trade-marked containers. The important points in growing a crop of first class Calendula are: an early start (July in our latitude); disbudding to insure large flowers on long, stiff stems and cool temperatures-not over 45 degrees.

*Ball Improved Long Orange. The longest-stemmed and largest flowered variety. Brilliant golden orange with a light center.

*Ball Masterpiece. The standard and popular deep intense orange with dark center.

*Ball Lemon Queen. Lemon yellow with contrasting brown eye. *Ball Gold. Large flowered deep golden yellow with light center. Ball Long Orange. Deep intense orange with light center. Ball Sensation. Very similar to above.

Ball Apricot. Our own large flowered strain of this buff or straw-yellow variety. Dark centered.

Campfire. Popular deep orange.

PRICES on All Above Varieties, Each: Tr. pkt., 40c; ¼ oz., 60c; 1 oz., \$2.00; 2 ozs., \$3.50; 4 ozs., \$6.50. Prices on weight lots will be accepted on 2 or more varieties together. For instance, on $\frac{1}{4}$ oz., each of 4 varieties, instead of allowing 60c each, the ounce price of \$2.00 will be accepted.

*Ball Formula Mixture. Carefully blended by ourselves from the above varieties in proper proportion for commercial cut flower sales.

Ball Art Shades Mixture. A trial ground mixture containing many original and unusual shades.

PRICES on Above Mixtures ONLY, Each: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50.

For a list of our bedding varieties of Calendula for out-door

growing, see our January catalog.

FLOWER SEEDS FOR FLORISTS

BALL Better



Picturing Snapdragons being grown for seed in our West Chicago greenhouses. The variety in the foreground is our popular "Sunlite."

Snaps, along with Non-Branchina Stocks, head the list of seedgrown cut flower crops and are of particular value under war time conditions. All seed we sell. except those varieties listed as "Originator's packets," is produced in our own greenhouses where constant re-selection is practised to keep our strains true to type. We're sure there are no finer.

SPECIAL OFFER

WHERE PRICE IS: \$1.00 per pkt., we supply ANY 3 for \$2.50; ANY 5 for \$3.50; ANY 7 for \$4.55. For \$1.50 pkts., we supply ANY 3 for \$4.00; ANY 5 for \$6.50. For \$2.00 pkts., we supply ANY 3 for \$5.00; ANY 5 for \$7.50.

1/2 tr. pkts. of any variety priced at \$1.00 are supplied at 60c; 1/2 pkts. of \$1.50 varieties, \$1.00. No 1/2 pkfs. on \$2.00 varieties EXCEPT WHERE NOTED.

OUR TWELVE BEST

(For Mid-Winter)

Although we realize that no list of "best" varieties will prove completely satisfactory in all localities, our own growing experience plus seed sales indicate that the following twelve constitute the very cream of today's finest.

Christmas Cheer. Without question the finest and most profitable extra early rose pink; should be grown on a raised bed for best spike development. We offer originator's packets only. Tr. pkt., \$2.00.

Better Times. Compact, closely set spikes of rich, glowing American Beauty rose; to insure good stem length, should not be grown too cold. We offer originator's packets only, subject to delivery of new crop seed. Tr. pkt., \$2.00.

Cheviot Maid Reselected (Ball). Our own strain of this ever-popular variety is practically 100% true to its medium rose pink color and uniform, clean habit of growth. Tr. pkt., \$1.00.

Peggy Schumann. Extra fine, creamy rose pink with heavy stiff stems and well formed spikes. This truly fine variety is steadily increasing in popularity. Tr. pkt., \$2.00.

Mary Ellen. We have been assured of a fairly good supply of new crop seed of this highly popular silvery pink Snap. We handle only originator's packets. Tr. pkt., \$2.00.

Maryland Pink. Well formed spikes of soft pastel pink borne on stiff stems make this an outstandingly fine variety. Exceptionally clean and uniform in growth. Originator's packets. 1/2 tr. pkt., \$1.25; Tr. pkt., \$2.00.

White Wonder Improved (Ball). Our own uniformly long stemmed, even growing strain of this pure white variety. A few days later than Koester's White, but considerably stronger in growth. Tr. pkt., \$1.50.

Koester's White. Fine, early flowering pure white; sufficiently long stemmed for most purposes. Well formed attractive spikes. Tr. pkt., \$1.50.

Ethel. The most satisfactory fairly deep yellow that we know of. Perfectly uniform in habit without grassy side growth and with medium sized closely set spikes. Tr. pkt., \$1.50.

Afterglow. All points considered, this still continues to be the most generally satisfactory all-around orange bronze. Clean growing and attractive. Tr. pkt., \$1.00.

Ball Lavender. Long stemmed and strong growing with long heavy spikes of pleasing orchid lavender. A ready seller on most markets. Tr. pkt., \$1.50.

Ball Supreme Red. (Formerly Velvet Supreme.) We have changed the name of our popular velvety, scarlet crimson to avoid disappointment resulting from confusion with Velvet Beauty that our trials have always shown to be more or less mixed. We have a good supply of our own growing of this fine strain. Tr. pkt., \$1.50.

Ball Forcing Mixture. Carefully balanced mixture of these 12 best varieties. Tr. pkt., \$1.00.



Forcing Snaps (2000 Seeds per Trade Pkt.)

"PEACE"-THIS IS IT!

(**Photo on front cover.**) The finest white Snap of them all! Five years of intensive breeding work here in our greenhouses have produced this remarkable variety. Long, graceful spikes with large closely set florets of the purest white imaginable are borne on long wiry stems. The rich dark green foliage contrasts vividly with the stately spikes of snowy whiteness. Fairly early flowering and free of objectionable grassy side growth. You won't be disappointed with this money-maker. Seed ready early July. Tr. pkt., \$1.50.

STANDARD WINTER SNAPS

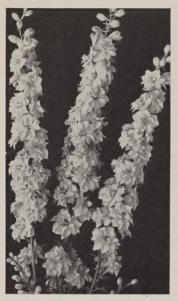
Except Varieties on Opposite Page

Starred (*) varieties we find of special value.		Tr	r. Pkt.
	. Pkt.	Schaffroth's Pink. Long-stemmed rose pink with some	
*America. Large flowered deep rose and orange bi-color.	1 50	color variation	2.00
Attractive novelty color	\$1.50	*Schaffroth's White. Extra long stems and heavy spikes. Should be preferred to Lucky Strike for purity of	
Ball Dwarf White. Quite nice for pot plants. Not a cut flower type. Cultural notes with each packet	1.00	whiteness	
Ball Early Pink. Attractive early flowering deep rose.		Schumann's Lavender. Excellent, large flowered rosy	
Should be grown on raised beds for well shaped spikes.		lavender for spring. Full, heavy spikes	
Bertha Baur. Standard lavender	1.50	Schumann's Yellow. Large flowered, medium yellow. Originator's packets	
Bronze Christmas Cheer. Clean growing golden bronze and apricot combination. Originator's packets	2 00	*St. Louis Early Pink. Clear light pink. Long spikes	
Carol Jean. Light, creamy yellow. Clean uniform growth.	2.00	and fine for late winter or spring	
Originator's packets	2.00	*Sunlite (Ball). Extra early golden bronze. An excellent	
Ceylon Court Dark. Standard early yellow; somewhat		producer that comes back quickly after a heavy cut	1.00
darker than Ethel	1.00	Suntan. Early flowering rosy bronze. Color similar to	
*Coates Yellow Perfection. Not early, but a fine yellow		Afterglow but earlier	1.00
for spring		Terry's Surprise Improved. Rosy orange. Long-stemmed	1 00
Daybreak. (Rust-proof strain). Clear light pink		and fine for spring.	1.00
*Gilbert's Pink. Deep rose pink. Originator's packets	1.50	Velvet Supreme. See Ball Supreme Red in 12 Best list.	
*Glorious. Strikingly brilliant reddish bronze. A more intense Afterglow	1.50	Westover's Fringed White. Large attractively fringed white. One of the better varieties for spring	1.00
Ideal. Bi-color rosy bronze and gold		Westover's Fringed White Early. (Windmiller's) Early	
Kirkwood Beauty. Orange bronze. Originator's packets	1.00	selection of the above. Unusually nice. Originator's	
*Klondike Supreme. Excellent yellow for spring. Prefer		packets	1.50
to Coates Yellow because of darker green foliage	1.00	Windmiller's La France. Popular and attractive light	1 50
Lucky Strike. Continues its popularity as a strong grow-		pink, Originator's packets	1.50
ing creamy white for spring	1.00	*Windmiller's Lilac. Long stemmed with graceful spikes of beautiful rosy lilac	1 50
Maiden's Blush. White, suffused with pale blush pink. Originator's packets. ½ tr. pkt., 60c	1.00	Windmiller's Rose Pink Cheviot. Extra early free flower-	.1.50
Margaret. (Yoder's). Originator's description, "Long	1.00	ing selection of Cheviot Maid	1.50
spikes of ivory white; stiff stemmed and clean grow-		Windmiller's Appleblossom. A clear medium rose; very	
ing." Originator's packets	2.00	attractive. Originator's packets	
*Marie Louise. A beautiful light shell pink. Especially	2.00	Windmiller's Snow White. Available subject to new	
choice color for spring		crop seed ready about Sept. 1st. Originator's packets.	1.00
Marion. Popular spring flowering white* *Miss Wooster. Extra large flowered, fine light golden	1.50	Yellow Wonder. Extra early, but with some unevenness	1 50
orange	1.00	in color and habit of growth	1.50
*New Cincinnati. Medium rose pink with long flower		*Yoder's No. 33. This clean growing beautiful light	
spikes and extra long stems. Ideal second early variety	1.00	pink, one of the parents of Mary Ellen, was offered last year as a substitute for that popular variety, which	
*Early Cincinnati. Our own early flowering strain. Uni-		was then unavailable. We have received so many	
formly true and even growth, makes this a worth-while		favorable comments on this newcomer that we shall	
variety		continue to list and recommend it as one of the very	
Radiance. Extra early rose pink	1.00	best commercial varieties	
*Rose Queen. Standard fine deep rose for late winter or	1.00	Standard Early Mixed. Carefully blended mixture of the	
spring	1.00	above varieties	.13



ANNUAL LARKSPUR (8,000 seeds) per oz.

Because of labor shortages prevailing in the California seed fields, delivery of new crop Larkspur seed cannot be promised until late fall. Early ordering will assure your seed being shipped from the first lots received.



Base Branching Larkspur Rosalind, extra fine salmon rose.

SIX BEST CUTTING VARIETIES

Our own market experience as well as seed demands, indicate that these represent the most satisfactory commercial varieties. All are base branching.

*Blue Bell. Clear mid-blue: excellent. *Blue Spire. Deep violet blue.

*Sweet Lavender. Clear, even lavender.

*Gloria Imp. Extra fine, deep rose.

*Rosalind. Shatter-proof, salmon rose. *White King. Finest pure white.

*6-Best Mixture. A formula mixture of these 6 varieties.

BASE BRANCHING OR IMPERIAL VARIETIES

Carmine King. Bright carmine-rose. *Coral King, Pleasing, soft coral rose.

Daintiness. Pale lavender.

*Dazzler. Rich carmine-scarlet.

*Exquisite Pink Imp. Fine soft pink.

*Lilac King. Slightly lighter than Sweet Lavender. Fine habit.

*Lilac Queen. Rich deep lilac-lavender. Los Angeles Imp. Bright salmon rose.

*Miss California. Pleasing, salmon pink.

*White Cockade. Fine, fully double pure white flowers.

White Spire. Clear white.

*Formula Mixture of above varieties.

PRICES on All Above Varieties Including mixtures and the Six Best: Tr. pkt., 25c; $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 65c; 1 oz., \$1.10; 1 lb., \$11.00. 4 ozs. of any ONE variety at lb. rate.

STOCK FLOWERED VARIETIES

Dark Blue. Rather deep violet-blue. *Lilac Supreme. A clear deep lilac.

Lilac Improved. Attractive, mid-lilac.

*Mauve Beauty, Med. lavender-mauve. *Rosamond. Excellent, deep rose. Los Angeles. Bright salmon-rose.

Rose Queen. Attractive rose-pink. Sky Blue. A light blue.

*Tempest. Brilliant deep blue. White. Prefer White King.

Formula Mixture of above varieties.

PRICES on All Above Stock-flowered varieties and Mixture: Tr. pkt., 25c; 1 oz., 70c; 1 lb., \$7.50.

SUPER MAJESTICS

A new class, stronger and taller in growth than the base branching type.

Rose Pink. A rich bright rose-pink. White. Large flowered, clear white.

Lavender. A medium rosy lavender. Mixture of above colors.

PRICES on All Above Super Majestic Varieties and Mixture: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50; 1 lb.,

GIANT HYACINTH FLOWERED

Produces one long non-branching spike. Dark Blue, Pink, Purple, White, Mixed PRICES on All Above Varieties Including Mixture: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.60; 1 lb., \$16.00.

DELPHINIUM

(10,000 seeds per oz.) New crop seed should be ready in July. GIANT PACIFIC HYBRIDS

Blue Bird Series. The clearest of medium blues with white bee. 21/2 in. flowers.

Galahad Series. The finest clear white Delphinium we list. Huge, double flowers borne on long, closely set spikes. Black Knight Series. Deep mid-night violet. The darkest of

Blue Jay Series. A brilliant true medium blue with dark bee. Cameliard Series. A pure lavender self with white bee. Very

Round Table Series. Hybrid or "Trial ground mixture," containing many new and interesting color types not yet introduced.

Guinevere Series. Fine light, pinkish-lavender with white bee. King Arthur Series. Royal violet with white bee. Exceptional flower size.

Summer Skies Series. Light blue with an attractively contrasting white bee.

PRICES on Above Varieties, Each: Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

Clear White. A very fine clear white, large double flowered hybrid Delphinium.

Blue Shades. One of our most popular strains. Mixture of light, medium and dark blue strains.

Lavender Pastel Shades. Mostly two-tone lavender combinations with brown or black bees. Violet Shades. Deep, rich violet-blue colors with many con-

trasting white bees. Mixture. A complete mixture of all colors in this fine hybrid

type. Our finest Hybrid Delphinium strain. PRICES on Above Four Varieties and Mixture, Each: Tr. pkt.,

\$1.00; ½ oz., \$2.00; ¼ oz., \$3.50; 1 oz., \$12.00. OTHER VARIETIES

Belladonna Improved. A carefully reselected strain of this standard light blue. Tr. pkt., 35c; ¼ oz., 75c; 1 oz., \$2.85; 4 ozs., \$10.00; 1 lb., \$35.00.

Lamartine. Deep, bright marine blue with white eye. Out-

standing for color and cut flower habit. Tr. pkt., 50c;

W4 oz., \$1.35; 1 oz., \$4.75. **Bellamosum Improved.** A reselected strain of this standard deep blue. Tr. pkt., 35c; ¼ oz., 75c; 1 oz., \$2.85; 4 ozs., \$10.00; 1 lb., \$35.00.

Belladonna. The original or regular strain. Tr. pkt., 30c; 1/4 oz., 70c; 1 oz., \$2.20.

Blackmore and Langdon Hybrids. Shades of blue with contrasting bees. A fine, free-flowering, hybrid strain. Tr. pkt., 50c; ¼ oz., 90c; 1 oz., \$3.00; 4 ozs., \$9.00.

Wrexham or Hollyhock Strain. Extra large, tapering spikes. Long blooming period. Tr. pkt., 50c; 1/4 oz., \$1.60; 1 oz.,

Gold Medal Hybrids. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

AMERICAN CINERARIAS

Seed of all varieties listed on this page, with one exception, is produced here in West Chicago in our own greenhouses, and we know that there are no finer strains to be had. Having flowered every important strain in existence in the past, European as well as domestic, we feel fully qualified to make this statement. Sow from June on for Christmas flowering and

*Siter's Rainbow Strain. 3,500 seeds per 32 oz. An excellent market strain with immense heads of medium large mostly white eyed flowers and small foliage. Tr. pkt., \$2.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50; $\frac{1}{16}$ oz., \$8.00. *Multiflora Nana, Gold Center. 6,300 seeds per $\frac{1}{32}$ oz.

Attractive medium small self-colored flowers with yellow onthers. Good shipper. Tr. pkt., \$1.00; & oz., \$2.00; 20 oz., \$3.50.

*Cremer's Prize Strain. (Reselected stock). 6,300 seeds

per 32 oz. Continues to be the standard florists' strain. About half-light-eyed. Tr. pkt., \$1.50; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.50. We furnish originator's seed in his packets at the above prices if requested.

*Berlin Market Mixed. (Weissensee Strain). 3,500 seeds per 32 oz. A fine strain producing large rounded heads of medium large flowers on compact plants. Tr. pkt., \$1.00; 64 oz., \$1.75; 32 oz., \$3.25.

Berlin Market, Dark Crimson. A deep crimson selection without any eye. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75.

*Grandiflora Dwarf Mixed. 3,500 seeds per 32 oz. Large flowers in a wide assortment of rich colors with contrasting large white eyes. Extra dwarf and compact growth. Tr. pkt., \$1.00; 64 oz., \$1.75; 32 oz., \$3.25.

Dwarf Giant Exhibition Mixture. Extra large (4 to 5 in.) flowers in a wide color range on fairly dwarf plants. For exhibition work only. Tr. pkt., \$1.50; 🖟 oz., \$2.50. Stellata Mixture. (Star type). Small, free flowering strain.

24 to 30 in. tall. Mostly blue and lavender shades. Tr. pkt., 75c; & oz., \$1.25; \$ oz., \$2.25.



American Grown Cineraria strains, when properly selected, are unequaled.

Eriksson's Private Stock. The originator's own Chicago market strain. Tr. pkt., \$1.00; 24 oz., \$3.00.

*No. 1 Mixture. Consists of Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions. Tr. pkt., \$1.00; \$\frac{1}{64} \text{ oz., \$2.00; }\frac{1}{32} \text{ oz., \$3.75.}

*No. 2 Mixture. Contains 1/2 Cremer's Prize Strain and 1/4 each Siter's Rainbow Strain and Multiflora Nana, Gold Center Strain. Tr. pkt., \$1.00; & oz., \$2.00; \$2 oz., \$3.75.

CALCEOLARIAS (About 800 seedlings per tr. pkt.

If grown cool (45° nights) and in light soil that drains readily, no difficulty should be experienced in growing fine Calceolarias. Shading from direct sunlight is necessary in the Spring and green fly should be kept after regularly. Sow from July on through September for Spring pot plants.



Calceolaria Dwarf Tigered or Spotted.

*Multiflora Nana Mixture (Ball Strain). Our most popular variety. Dwarf in growth with large compact heads of medium sized flowers. This is our own carefully selected strain and contains many colors new to this class. Fine for shipping. Tr. pkt., \$1.00; 1/128 oz., \$2.35; \$\frac{1}{64} oz., \$4.35; \$\frac{1}{32} oz., \$8.00.

Grandiflora Mixed. Contains some of the most striking and unusual color combinations that we have ever seen in Calceolarias. Extra large flowers and fairly strong growth. Tr. pkt., \$1.00; 1 oz., \$2.50; 32 oz., \$4.50.

*Grandiflora Dwarf Mixed. A more compact growing strain of the above. Tr. pkt., \$1.00; \$\frac{1}{64} oz., \$2.75; \$\frac{1}{32} oz., \$5.00.

*Dwarf Tigered or Spotted. Various spotted shades of "smoky" reds and rosy bronzes. Quite dwarf and compact with very full flower heads. Tr. pkt., \$1.00; $\frac{1}{64\pi}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

*Triumph Strain. Medium large flowers; mostly bright reds and yellows. Vigorous growth. Tr. pkt., \$1.25; 1/128 oz., \$2.25; a4 oz., \$4.00.

Indian Prince. A bright scarlet Multiflora Nana selection. Tr. pkt., \$1.00; 1/128 oz., \$2.35.

Cloth of Gold. Medium sized, freely produced golden yellow flowers. Very showy. Tr. pkt., \$1.00; \$\frac{1}{84} oz., \$2.50; \$\frac{1}{32} oz., \$4.50.

*Flower Cloud. Bushy growing plants with large cloud-like heads of small flowers in shades of yellow, orange and bronze. Tr. pkt., \$1.50; 1/128 oz., \$3.50.



BEGONIAS



Fibrous rooted Begonias are always colorful and appealing.

TUBEROUS ROOTED BEGONIAS

Tuberous Rooted Single Mixed. Attractive shades of orange, rose, scarlet, etc. Large flowered. Tr. pkt., \$1.00; 1/128 oz., \$3.00.

Tuberous Rooted Double Mixed. Large Camellia-flowered double type in mixture of colors. Tr. pkts. only, \$2.00.

Rex Hybrids. Ornamental leaved mixture of Rex Begonias with many unusual variations. 500 seed packets, \$2.50.

FIBROUS ROOTED

(About 1000 seedlings per tr. pkt.)

Because of the scarcity of good Fibrous-Rooted Begonia seed we are able to offer trade packets only on most varieties except as noted below. Sow in June and July to have fine pot plants for Christmas and later.

*Adeline. Extra free flowering bright pink; dwarf and compact. Tr. pkt., \$1.00.

*Ball White. Greatly improves White Pearl in habit and purity

of color. Tr. pkt., \$1.00.

*Carmen. The original bronze-leaved Begonia. Flowers a bright rose-pink. Tr. pkt., \$1.00.

Christmas Cheer. Large flowered crimson-scarlet. Tr. pkt., \$1.00. % oz., \$1.75; % oz., \$3.25. *Darling. Bright clear pink. Tr. pkt., \$1.00. *Fire Sea. (Blaze of Fire). Large fiery red with green foliage.

Tr. pkt., \$1.00.

Glory of Erfurt. Large flowered, medium rose shades. Tr. pkt., \$1.00: 32 oz., \$2.25.

Ile de France. A large, pure white flowered variety with light green foliage. Tr. pkt., \$1.00.

*Indian Maid. Foliage a deep lustrous bronze with richly contrasting scarlet flowers. Tr. pkt., \$1.00.

*King of the Reds. Glowing red flowers, green foliage, and a vigorous but dwarf and compact habit make this variety valuable for pots or border work. A fine compact red Begonia. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

Luminosa. Very attractive and popular scarlet red with bronzy green foliage. Seed available now. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$3.00; $\frac{1}{32}$ oz., \$5.50.

*Luminosa Compacta. Available subject to new crop seed ready about Sept. 1st. Tr. pkt., \$1.00. Masterpiece. (New). Extra large flowered, clear rose pink.

Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50. *Pink Radio. Extra large flowered rich glowing Rose. Tr. pkt.,

\$1.00; de oz., \$2.25; do oz., \$4.00. Prima Donna. Light rose pink shading to carmine. Tr. pkt.,

\$1.00 *Scandinavia Pink. Very free flowering bright rose pink. Fine bushy pot plant habit. Tr. pkt., \$1.00.

Scandinavia Red. Identical to the above except for its bright carmine-scarlet flowers. Tr. pkt., \$1.00.

Scandinavia White. A white Scandinavia selection. Tr. pkt... \$1 00 Mixture. A complete mixture of all colors. Tr. pkt., \$1.00.

CYCLAMEN

We have good supplies of nearly all the following varieties grown by a specialist in Colorado where dry air and cool temperature are ideal for properly maturing this seed. Prices shown below are net, no cash discount.

	100 Seeds	1000 Seeds	5000 Seeds
No. 1 Dark Blood-Red	\$1.75	\$16.00	\$70.00
No. 2 Bright Red	1.75	16.00	70.00
No. 3 Pure Rose	1.75	16.00	70.00
No. 4 Soft Rose with carmine eye			
(Improved Rose of Marienthal)	1.75	16.00	70.00
No. 5 White with carmine eye	1.75	16.00	70.00
No. 6 Pure White	1.75	16.00	70.00
No. 7 Bonfire Brilliant salmon	2.25	20.00	90.00
No. 8 Salmon-Scarlet (America Im-			
proved)	2.30	21.00	95.00
No. 9 New Salmon-Rose Imp.	2.25	20.00	90.00
No. 10 Glory of Wandsbek (Perle			
of Zehlendorf). Dark salmon	2.20	18.00	80.00

	100 Seeds	1000 Seeds	5000 Seeds
No. 11 Rose of Zehlendorf Light salmon	2.20	18.00	80.00
No. 12 Orange Beauty Orange-ver- milion	2.30	21.00	95.00
No. 14 Morning Red	2.20	18.00	80.00
No. 16 Saffron Red-Silver Edged	2.25	20.00	90.00
No. 18 Mozart Deep Pink	2.30	21.00	95.00
No. 19 Lavender	1.75	16.00	70.00
No. 20 New Ruffled Especially at-			
tractive class	2.30	21.00	95.00
No. 21 Pink Pearl Salmon-Pink	2.30	21.00	95.00
Mixture of above colors	1.65	15.00	65.00

VOGT'S DOUBLE STRAIN

We handle only Mr. Vogt's seed of this attractive double type. **Mixture** of all colors. Priced at: 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$13.00; 1000 seeds, \$25.00.

PRIMULA MALACOIDES

(12,000 seeds per 1/32 oz.)

The most popular of all pot plant Primulas. Sow from June on for Valentine's Day and later. Easily grown, after they get started, but care must be used in germinating this seed since it will not tolerate fertilizer in the soil at this stage. Keep nitrate level below 20 ppm. All our seed is soil tested regularly for germination and we know it will grow if given a chance; FOR THIS REASON WE CANNOT ACCEPT RESPONSIBILITY FOR NON-GERMINATION OF THIS SEED. Varieties of our own growing offered subject to outcome of our seed crop.

WE OFFER THE FOLLOWING IN MR. ERIKSSON'S OWN PACKETS:

Eriksson's New Red. A very striking and unusual salmon-red combination. Originator's seed only. 500 seeds, \$1.00; 2000 seeds, \$3.00.

Eriksson's New Giant. Large flowered, late blooming, light salmon-rose. Originator's seed only. 500 seeds, \$1.00; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

New Baby Improved. Large flowered, deep glowing pink. Heavy stems. Originator's seed only. 800 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

Baby Rose. Bright rosy orchid; compact habit. Originator's seed only. 800 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

Eriksson's Special Mixed. Some of all the originator's varieties. Originator's seed only. 800 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

PRIMULA OBCONICA (4000 seeds per 32 oz.)

Primula Malacoides Glory of Riverside

Excel all other Primulas in brilliance of coloring and large flower size. Sow during June and later for Christmas and early spring pot plants.

*Fasbender's Red. Our own strain. An outstandingly fine extra large flowered deep crimson red.

Wyaston Wonder. (New). A special selection of this famous English variety. Vigorous growing, large flowered bright crimson. Tr. packets and d_{π} ounces only.

Mohnstein's Atrosanguinea. (Dark Red). Popular deep red. *Mueller's Berlin Rose. (Mueller's Rosea). Soft medium rose. Heavy compact plants and large flowers. Our own strain,

Lachsrosa. Salmon rose shades.

*Coerulea. Clear mid-blue. A choice strain.

White. Rather tall growth.

*Formula Mixture. Carefully blended mixture of above colors.

PRICES on Each Above Varieties: Tr. pkt., \$1.25; 1/64 oz., \$2.25; \$2 oz., \$4.25.

WE OFFER THE FOLLOWING FROM OUR OWN GROWING AS WELL AS ORIGINATOR'S:

*Glory of Riverside. Strong growing rich salmon rose. An excellent variety. Tr. pkt., \$1.00; & oz., \$2.75; & oz., \$5.00. Originator's seed: 500 seeds, \$1.00; 2000 seeds, \$3.00. *Riverside Red Rose. Bright cerise red; a "Better Times" color. Tr. pkts. only, \$1.00. Originator's seed: 500 seeds, \$1.00;

2000 seeds, \$3.00.

*Eriksson's Pure White Improved. Free flowering; the finest white. Tr. pkts. only, \$1.00. Originator's seed: 800 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

Eriksson's White Giant. Pure white. Large flowers and heavy

stems. Tr. pkts. only, \$1.00. Originator's seed: 500 seeds, \$1.00; 2000 seeds, \$3.00.

Brilliancy. Flowers open lavender—turn to dark velvety red. Tr. pkts. only, \$1.00. Originator's seed (Baby Brilliant Red): 500 seeds, \$1.00; 2000 seeds, \$2.00; 6000 seeds, \$5.00.

THE TWO FOLLOWING OUR OWN GROWING ONLY:

*Rosea Superba. Extra large flowered, rosy orchid. Vigorous grower and one of the best all around varieties. Tr. pkt., \$1.00; \$1.00; \$2.50; \$2.50; \$2.50.

Mixture. Our own balanced formula mixture. Tr. pkt., \$1.00; 1 oz., \$2.50; 1 oz., \$4.50.

Forcing Tomatoes

(About 7000 seeds per oz.)

*Waltham Forcing, Certified. The ideal forcing Tomato. Our greenhouse grown seed from selected plants. Even sized, 4 oz. scarlet fruits, firm, good shippers and do not crack. Plants take little room, may be grown in old buckets. Flowers self-pollinating. Early and heavy yielder. Tr. pkt., 50c; ¼ oz., \$1.00; 1 oz., \$3.50. *Michigan State Forcing. Wilt Resistant. Distinct greenhouse To-

mato developed at Michigan State College. Rich, deep scarlet fruits, average 5-6 oz., globular, in large clusters. Highly selfpollinating but responds well to daily tapping of flowering clusters. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Globe "A", Select. Pink fruits, a little larger than regular Globe.

Developed by Ohio State Experiment Station. Ships well. Tr. pkt.,

50c; ½ oz., \$1.00; 1 oz., \$3.00. Marhio or Marvelous. Pink fruited, wilt resistant and almost free from cracks. Vigorous grower requiring high temperature and particularly fine for fall forcing. Extra select stock. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.00.

Bonny Best. Unexcelled for all purposes. 1 oz., 65c; 4 ozs., \$2.20; 1 lb., \$6.50.

Master Marglobe Certified. Valuable for shipping. 1 oz., 80c; 4 ozs., \$2.70; 1 lb., \$8.00.



WALTHAM FORCING, the "Tailor Made" To-mato for modern packing. Four to the pound.

